

# CARDIAC RHYTHM MANAGEMENT SYSTEM USING TIME-DOMAIN HEART RATE VARIABILITY INDICIA

## Abstract

A cardiac rhythm management system that provides an indication of patient  
5 well-being based on the autonomic balance between the sympathetic and  
parasympathetic/vagal components of the autonomic nervous system, using time-  
domain processing of frequency components of a heart rate interval signal.

"Express Mail" mailing label number: EV299684785US

Date of Deposit: December 2, 2003

This paper or fee is being deposited on the date indicated above with the  
United States Postal Service pursuant to 37 CFR 1.10, and is addressed to  
The Commissioner for Patents, Mail Stop Patent Application,  
P.O. Box 1450, Alexandria, VA 22313-1450.